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Adoption of Inorganic Insecticides and Resistant Varieties among Cowpea Producers in Mubi Zone, Nigeria

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Abstract : Cowpea production is presently mainly done with inorganic insecticides, but the growing environmental problems linked with their use and the rising costs of the chemicals are stimulating all categories of stakeholders towards the adoption of less impacting practices. 611 respondents were interviewed between 2008 and 2009. Respondents are young adults and are fairly educated. Awareness is high about insecticide use, but is low for bio-pesticides and resistant varieties. Adoption of inorganic insecticides is related to age, educational level, and contacts with dealers. Low adoption rate for resistant varieties is associated with inadequate information and poor extension service. To adopt IPM techniques with limited health hazards and compatible with the environment, a properly designed extension program is consequently needed.

Keywords : Vigna unguiculata, IPM, bio-pesticides, resistant varieties, extension
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